

IRC-305

19" 2U industrial rack-mount chassis



FEATURE

- 19" 2U rack-mount chassis meets EIA RS-310C industrial standard
- 5.25"x1+3.5" FDDx1 + 3.5" HDD x1 drive bays
- Front replaceable air filter for easy cleaning
- Two 8 cm ball-bearing cooling fans for better ventilation
- One power on/off switch protection cap and one touchfree reset for secure access
- PS/2 redundant power supply installable
- Field replaceable PS/2 power supply applicable for ease of maintenance

General

Construction	Heavy-duty steel
Drive Bay	External: 5.25"x1 + 3.5" FDD x1 Internal: 3.5" HDD x1
Air Filter	One replaceable air filter
Cooling Fan	Two 8 cm ball-bearing fans
Indicator	HDD x1
Switch	Power on/off (with a protection cap) x1, System reset x1
Speaker	One 8 speaker
Connector	One 6-pin PS/2 K/B connector on the front pane
Standard Color	Beige, Black
Dimension	482.8(W) x 430.6(D) x 88(H) mm; 19"(W) x 17"(D) x 3.5"(H)
Weight	Net: 10.5 kg (23.1 lb); Gross: 11.5 kg (25.3 lb)
Backplane	PBP-06V: Vertical 6-slot ISA backplane PBP-06V4: Vertical 6-slot (4xPCI) PICMG backplane

Power Supply (PW-250 optional)

Maximum Output	250W
Output Voltage & Current	+5V@25A, +12V@10A, -5V@0.5A, -12V@0.5A
Input Voltage	90V ~ 132V, 180 ~ 264V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	8A@115V, 4A@230V
Efficiency	> 65%
MTBF Reliability	40,000 hrs
Certification	UL, cUL, TUV, CE, FCC

Environment

Operating Temperature Range	0 to +40°C
Storage Temperature Range	0 to +70°C
Relative Humidity	5% to 95%, non-condensin

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FEATURE	BENEFITS
Front replaceable air filter	For easy cleaning and exchange
One power on/off switch protection cap and one touch-free reset	Avoid accidental reset of system
Two 8 cm ball-bearing cooling fans	Better ventilation to enhance system reliability
Field replaceable PS/2 power supply	For easy maintenance

WHAT'S NEW



Detachable card cage

IRC-305 is equipped with a detachable card cage to install the boards more easily.



Two fans for better ventilation

Two 8 cm ball-bearing fans for better ventilation.



Touch-free On/Off & reset switch

For security concern, a switch protection cap is provided to prevent accidental reset.

ENGINEERING DRAWING

ORDERING GUIDE

IRC-305-06V4-25

19" 2U rack-mount chassis with vertical 6-slot (4xPCI) PICMG backplane and 250W power supply

IRC-305-06V4-330X

19" 2U rack-mount chassis with vertical 6-slot (4xPCI) PICMG backplane and 300W ATX power supply

IRC-305R-06V4-3002X

19" 2U rack-mount chassis with vertical 6-slot (4xPCI) PICMG backplane and 300W Redundant power supply

